

Selecting Technology Prezi Notes

6 High School Science Teachers

Goals:

1. To give students more experience before doing real life scenarios
 - a. Why this is important: high school science can be dangerous and students will be more prepared if they do scenario on technology first
 - b. How this will meet student needs: students can perform experiments and projects more than once using technology to better learn the material
 - c. Using Froguts software to allow students to perform dissections on the computer
 - i. Cost: \$300 per year, \$2000 for future years
 - d. Flip Cameras allow students to video tape dissections and create projects. Allow teachers to make sure everything is done correctly
 - i. Cost: \$110 per camera, \$1650 total
2. To allow students to engage with science in a safer environment.
 - a. Why this is important: high school science can be dangerous if not done properly because of chemicals and other materials
 - b. How this will meet student needs: students will be more prepared to perform scientific activities and won't be exposed to dangerous materials as often
 - c. Promethean board lets students do science projects without being exposed to chemicals or having to use dangerous tools. Allows students to work in groups and collaborate
 - i. Cost: \$3079 per board, \$9237 total
 - d. Netbooks let each student work individually to ensure each student knows how to perform skills
 - i. Cost: \$270 per netbook, \$4,050 total. Storage Cart \$1,726.95
3. To be more conservative with money
 - a. Why this is important: science equipment can be very expensive
 - b. How this will meet student needs: we can use free programs to poll students and make sure they know answers. Students will also enjoy using this technology in class
 - c. Poll Everywhere allows us to poll students for free instead of paying for poll software for the Promethean board.
 - i. Cost: Free
4. Total Cost: \$18,664